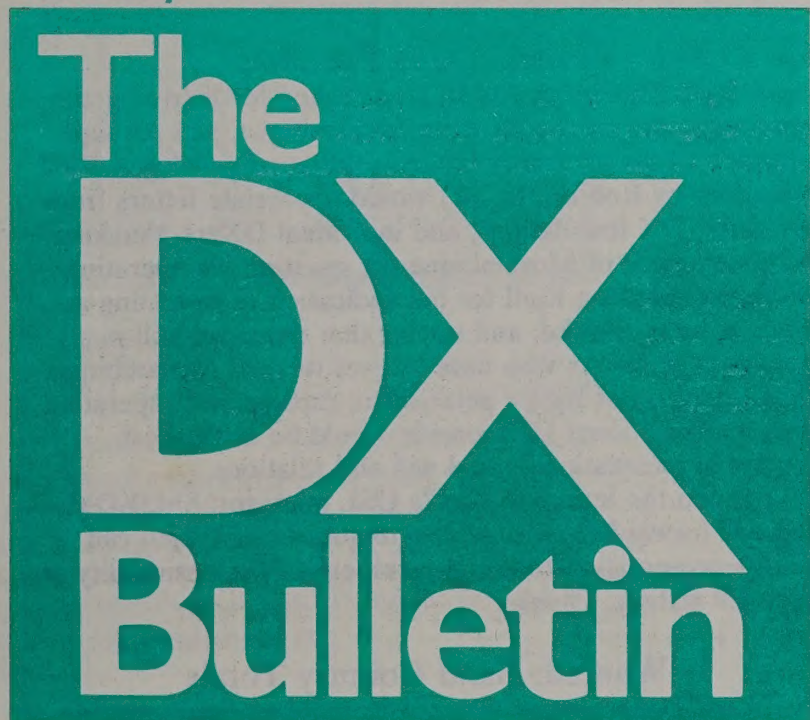


**Egypt** - SU Charles (Sig) Signer WA9INK is very active as SU1EE, especially on 7015 kHz 03-0500Z. Sig pays special attention to W6/W7, and will work as many west coasters as possible on 40, 80, and 10 meters. QSL direct to American Embassy, Cairo, Box 10, FPO New York 09527, or via WA9INK. Sig says that John WA6OWU is also active as SU1EK, Thursdays and Fridays around 28650 kHz. Although primarily a rag-chewer, John also looks for W6s, especially around 1530Z. Sig moves to Sudan ST2 next summer for two years, and will continue to provide Zone 34.

**Mozambique** - C9 Kjell's next operating stint as C9MKT is Dec. 9-12. Try 14195 kHz at 1600Z (listening 14200-210), 21335 kHz at 2000Z, and 28595 kHz at 1430Z. And see the note on Page 2. QSL SM5KDM.

**Cayman Island** - ZF2 Joe Pater WB8GEX will be on as ZF2NF Dec. 27-30, on 28455 kHz. QSL home call.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Turks and Caicos** - VP5 Eddie G0AZT returns to Provo (NA-02) Jan 12-19, accompanied by Don AA5AU, both adding VP5/ to their home calls. They'll be on CW and SSB 160-6 meters, and RTTY 10-80M. QSL VP5/AA5AU to 1988/89 *Callbook* address, and VP5/G0AZT direct only to Box 5194, Richmond CA 94805, by mid-March (as Eddie may be returning to England.) SASE or SAE and IRCs requested. Donations appreciated. One QSO per card, please.

**Little Cayman** - ZF8 Doc KD7SO will be active as ZF2NC/ZF8 Dec. 13-18, concentrating on 40 and 80 meters, and especially looking for Asia, including the long path on 20M. QSL home call.

**Namibia** - ZS3 ZS6BCR and ZS4TX will be on as ZS3Z in late December: 10, 40, 80, and 160M CW. QSL to ZS6BCR.

### Shortly Noted

- IU9ARI will celebrate the 40th anniversary of Palermo's ARI association from Sicily Is., Dec. 17-18. The special QSL card is via Maurizio Tramuto IT9TQH, P.O.Box 18, Palermo 90100, Sicily Island, Italy. He reminds CQWW SSB contesters that IH9/IT9BLB from Pantelleria Is. (AF-18) counts as IT9 for the country, but for CQ Zone 33 (Africa), and thus for three points for European contacts.
- Mats SM7PKK has moved on to Fiji as 3D2KK. Try 7005 kHz at 0500Z, 14005 kHz at 0430Z, and 28004 kHz at 2130Z.
- The Colvins are due to leave ZC4ZR mid-month. There's probably still time to catch them on 20M CW at 1200Z, or 10M CW 13-1500Z. QSL Yasme. (Box 2025, Castro Valley CA 94546.)
- Jacques is due on as ON6BC/ST4 through the end of the month, especially on 160 meters: 1832 kHz. Also try 25 kHz up on CW, and 3500 kHz. QSL home call. (Tnx DXNS.)
- DXPress says G3VBL will be on as 8P6EM Dec. 11-Jan. 8, 10-80 meters.
- Carlo Amorati I4ALU will try to get his old call back: 8Q7BX, on his Dec. 23-Jan. 2 operation from the Maldives (AS-13). CW only. QSL home call. (Tnx DXNS.)
- 6W6NJ on 14235 kHz at 2100Z will give CW QSOs, on request.
- 5R8AL, the only Malagasy (Madagascar) station acceptable for DXCC, returns to the island at the end of January, for a couple of weeks.
- VP2M/F2JD will be on CW from Montserrat for about a month.
- FO5LZ on Nuku Hiva in the Marquesas Islands (OC-27) is on 14115-117 kHz at 1500Z daily, and will work cross-mode. [Despite rumors, Marquesas probably won't count as a new DXCC country, as Tahiti is not a DXCC country by virtue of government, and won't count as per Fiji/Rotuma.]
- QSL updates: EA8AGD in CQWW 1988 is via OH6DK. TI2LTA and TE1L now QSLs via K1AR. G4JVG says the VK9YG and AX9YG QSLs will be out in a month or two.
- Regulars (call, frequency or band, UTC): J52US 1832 0030Z; KC6TO 1832 1145Z; OX3CS 1834 2330Z; VS6DO 1830 11-1200Z; KX6DC 3505 local sunrise; 7X3DA 40M CW 0630-0730Z; RV0YF (Zone 23) 7005 1130Z; SU1EE 7015 03-0500Z; 4S7EA 14010 2330Z; 4S7TP 20M CW 0100Z; ST2KR 20M CW 2200Z; 3DA0AH 20M SSB 0400Z; TU2JL 20M SSB 0430Z; UI8FM 20M SSB 0300Z; Y88POL 20M SSB 0030Z; TR8RLA 21250 2000Z; TU2PA 21290 2200Z; OY7ML 28025 1400Z; YN3CC 28001 1300Z; AH9AC 10M SSB 2145Z; and TA1AO 28600 1300Z.
- RTTY Notes: OD5NG is on 28070 kHz 08-1600Z. V85AH 14074 ARQ 0800Z; V85AG 14086 0845Z; CT3BX 28093 1645Z; A4XKC 14074 ARQ 1420Z; 9K2DZ 14072 ARQ 0445Z; EA8RA 14087 0845Z; EA8BAO 14084 0815Z; 9M6MO 28093 2355Z; BV2B 14091 0210Z; 5N0GRC 21086 2155Z; 5N0ALE 14086 2030Z; YB0PHM 21088 1310Z; EL2MR 28092 1220Z; ZP5JAL 14080 2310Z; Y41BN 14086 2030Z; 5B4PW 14074 ARQ 0320Z; UA1CXA 14082 0110Z; TF3EJ 28086 1445Z; YO2IS 28081 1230Z.



## Propagation

### Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
<b>December</b>			
9	High Normal	11/12 156 17/15 3	10/15 150 04/12 2
10	Above Normal	11/13 171 11/09 3	10/16 155 06/14 3
11	Above Normal	11/14 179 12/11 3	10/17 178 11/19 3
12	Above Normal	11/15 174 10/10 2	10/18 162 25/34 2
13	High Normal	11/16 189 15/18 3	10/19 166 11/19 2
14	Above Normal	11/17 180 13/13 2	10/20 168 13/23 3
15	Above Normal	11/18 166 11/08 1	10/21 166 07/11 1
16	Above Normal	11/19 156 07/04 0	10/22 166 00/09 0
17	Above Normal	11/20 147 03/03 0	10/23 171 06/10 2
18	Above Normal	11/21 157 05/06 1	10/24 170 05/10 1
19	Above Normal	11/22 150 03/06 1	10/25 164 03/08 1

### Propagation Watch

Solar flux has been stalled in the 140-150 range since mid-November, as the sunspot regions that produced the fine band conditions in October have faded. Few new sunspot regions have appeared on the sun, keeping solar flux, and thus maximum usable frequencies (MUFs), lower than we might have expected.

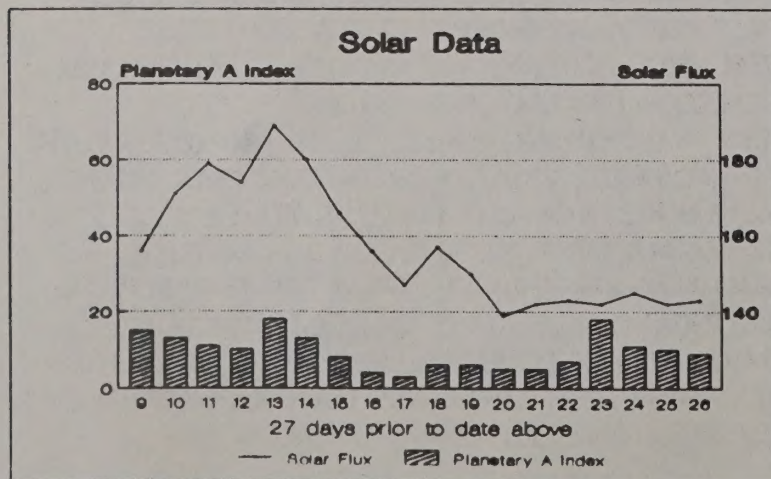
The higher bands continue to provide good DX openings during daylight hours, following the sun. However, the less intense ionization of the upper atmosphere means these bands close right around local sunset.

Fortunately, this low level of solar activity has meant very quiet geomagnetic fields. The planetary A index was below 20 for almost the entire month of November, and was below 10 more than a third of the time. The low level of geomagnetic activity produced some excellent polar-path openings (see all the rare Russian Oblasts in *Bandpass* this week), and very good long-path openings.

Long-path openings usually involve propagation through the polar regions, and benefit from a quiet geomagnetic field. On 20 meters, beam southeast in the late afternoon and early evening, for Indian Ocean and Pacific DX. 40 meters is often open long path around local dawn, to the west.

The quiet geomagnetic field has also been kind to low-band DXers. 80 meters and 160 meters have been much better than expected this season. (Higher levels of sunspots usually mean increased absorption and noise on the low bands.)

The propagation forecast for the rest of December, based on solar activity in November, is for good low-band openings, and average conditions on the higher bands. However, don't be surprised if solar activity picks up again, robbing DXers of the long path and polar path, without boosting MUFs.



## More DX Packet Spotting Nets

DX packet spotting with PacketCluster from Pavillion Software (Box 803, Hudson MA 01749) is taking hold all across the country. Here's information about four new and up-dated systems.

**Sherman Oaks, CA:** WB6EXC is on 145.070 MHz, running PCBS (the stand-alone version of PacketCluster.) The very active West Coast RTTY DX Association sponsored the node.

**New York City, NY:** The WB2PAG node is moving to 144.950 MHz (from 145.03), effective Dec. 1. Access is via NI2C, KA2AY, and KR2J digis. This node has logged 274 DXCC countries in the past year, a typical figure.

**Long Island, NY:** KB2XL in Port Jefferson LI is up and running on 144.95 MHz, sponsored by the Long Island DX Association, and Radio Central. They're linked to the NJDXA node in Rockaway, NJ. KE2AY is a convenient digi.

**Boulder, CO:** KE6LT-4 is now on 144.93 MHz, with direct service in Boulder. From the south, try K2NA-2 (DXNODE) digi, or W0UO. The Mile-Hi DX Club has installed their roster and a user want list. KE6LT and K2NA set up the system.

## C9MKT Asks For Help

Kjell Thorselius C9MKT has asked for help in getting more amateurs on the air from Mozambique, and perhaps extension of his own, very limited, operating privileges. Kjell (who goes by Ron on the air) would appreciate letters from DX clubs, DX foundations, and individual DXers, thanking the government of Mozambique for granting his operating privileges, thanking Kjell for his dedication to operating as much as he is allowed, and stating that there are still many thousands of DXers who have not yet worked Mozambique. Thus extension of Kjell's permission, expansion of operating time, and additional C9 licensees would be in the best interest of international good will and relations.

Send the letters to Kjell's QSL manager: SM5KDM, who will forward them to Mozambique, so that Kjell can make a presentation to the government of the desirability of more C9 activity. Thanks.

## Wanted: Band Country Totals

*The DX Magazine* wants your band-country totals for its semi-annual listing. Count confirmed, current DXCC countries only, and send your counts to *The DX Magazine* (same address as *The DX Bulletin*) by the end of 1988 to be included in the Spring, 1989, listing.

## The DX Bulletin's Computer BBS

*The DX Bulletin* is starting a computer bulletin board service, which will permit users to search back issues and *Bandpass* listings for countries of particular interest, as well as providing a very timely way to receive the weekly *TDXB*. Users will be able to upload DX data, as well.

The BBS will operate at night, beginning in early 1989. If you are interested in using this new service of *The DX Bulletin*, contact us as soon as possible. There will be a small charge for the service.

**The DX Bulletin's 24-hour FAX number:**  
(707) 523-0852.



*The perfect Holiday gift for contest and DX-oriented radio amateurs*

## The 1989 Amateur Radio Calendar & Operator Aid

### Special introductory offer for subscribers to The DX-Bulletin

As a subscriber to the DX-Bulletin, you know the value of timely information. And here is the perfect complement to the Bulletin: an aid to planning your activities that reminds you of what is going on in the radio world months in advance. This unique calendar has the date, starting time and duration of over 100 operating events printed in a distinctive color. In addition, the Calendar has over 30 radio milestone dates and birthdays, to keep us in touch with our historic roots. Large photos for each month blend historic and present-day subjects: Edwin Armstrong and his 50 kw vanguard FM station W2XMN; first west coast TV station W6XYZ-TV; and senior active amateurs KH6IJ (lic. '32), W1WY (lic. '22), and W4OB (lic. '21) plus present-day DX, VHF, and Contesting photos. To make The Calendar even more useful, there are over 10 pages of contest and DX data.



Calendar contains 36 pages and 13 black and white half tone photos, and uses two-color printing, black and emerald green. All operating events printed in distinctive color. The Calendar measures 11" x 17" (unfolded), and is spiral bound for flat wall hanging.

### The 1989 Amateur Radio Photo Calendar and Operator Aid contains:

- CQ and ITU World Zone Maps and PrefixZone Lists
- ARRL US and VE Sections Map, VHF Grid Locator
- Russian Prefixes/Oblast and Zone/Oblast Cross-Reference List.
- U. S. Amateur Bands, modes, and power limits: 160m to 23cm.
- Reference list of event sponsors and information sources
- Exact moon phase, eclipse, solstice, and meteor shower data

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**KB1T Radio Specialties, Box 1015-D, Amherst, NH 03031**







# B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

<b>RTTY</b>					C56/	7005	2318	30	FL	<b>20 Meter SSB</b>					EL2E	24946	1714	24	NY
5H3GW	14085	1950	20	CA	OZ5QU					3B8CF	14260	0345	24	MT	LX2KQ	24950	1546	20	NY
9J2KF	14089	2100	2	CA	CE0ZIG	7006	1114	20	NY	3B9FR *	14165	1230	22	MA	T77T	24975	1224	20	NJ
C56/	14085	2205	2	CA	CN8EL	7002	2325	30	FL	3DA0BP	14347	1910	27	FL	VP2EHF	24944	1800	24	NY
6W6JX					KX6OI	7033	1429	27	MD	3DA0AH	14258	0353	23	PA	<b>10 Meter CW</b>				
GW4GJT	28092	1729	19	CA	RL1P	7001	2300	27	IA	4K0D	14210	0210	25	CA	9J2BO	28043	1432	24	MN
OD5ET	14092	1755	22	NH	RT0UY	7003	2234	29	FL	6W6NJ	14235	2128	24	WA	BV2DA	28008	0028	25	CA
OK1KQJ	28094	1630	22	CA	RV0YF	7005	1134	19	NY	9M2LM	14165	1200	25	FL	BY1BJ	28007	0022	25	CA
PA3DBS	28094	1715	22	CA	<b>Zone 23</b>					9N1RN	14241	0314	22	OH	BY4RB	28039	0025	20	FL
UA0JV	14090	0030	26	CA	SU1EE	7016	0317	22	NY	A4XJB	14192	0433	22	MT	CV0Z	28024	1734	3	FL
UZ1CXA	14081	0055	19	CA	SU1ER	7019	2350	27	IA	A4XJV	14194	0332	23	OH	FK8DD/P	28025	1919	24	CT
YB0PHM	14090	1327	22	NH	TA2AO	7005	0458	22	NH	A4XKJ *	14190	1321	24	TX	HB0CZS	28001	1235	3	FL
<b>160 Meters</b>					TA4A	7005	2230	1	FL	AP2DM	14195	0237	23	NH	JD1/	28026	2158	24	CT
3W8CW	1832	1245	26	WI	TF3SV	7006	1133	2	CT	C9MKT	14195	1600	25	CA	<b>JF3QMJ Minami Torishima</b>				
8P9HT	1832	0428	29	NH	TK4LD	7003	0028	30	FL	C9MKT *	14195	1700	25	CA	KG4XO	28026	2100	19	NH
FG5XC	1828	0205	24	MA	UA2FB	7002	2329	29	FL	CN8LS	14235	0340	24	MT	KX6HE	28037	2329	22	GA
HB9AMO	1831	0501	23	KY	UC2ADX	7002	0600	21	LA	EP2HZ	14199	1519	24	CA	OY7ML	28024	1345	21	NB
HC5M	1832	0516	23	KY	UD6DKN	7003	2358	29	FL	EP2MKN	14162	1443	23	MT	PZ1DV	28010	2343	23	MT
J52US	1831	0020	24	MA	UO5ON	7004	2150	1	FL	JT1BS	14200	0226	30	CA	RF6FHH	28033	1451	3	FL
KC6TO	1831	1200	28	NH	VU2NCS	7006	1245	30	CA	KC4AAA	14232	0448	27	CA	SU1ER	28021	1415	25	MN
KX6DC	1833	1126	20	NY	VU2TEC	7015	2233	1	FL	<b>South Pole</b>					TN4NW	28025	1310	25	NH
KX6DC	1832	0622	24	WA	YB2BNJ	7005	2135	28	MA	LU5EAS/Z	14248	0210	24	CA	TU4CO	28010	1820	18	NH
OK3EY	1830	0003	23	KY	ZD8IAN	7004	2229	1	FL	<b>South Orkneys</b>					UJ8XDH	28018	1254	20	MA
OX3CS	1834	2330	24	MA	<b>30 Meters</b>					TU2JL	14199	0430	23	OH	VU2NTA	28019	1424	23	NH
PY1RO	1833	0702	24	WA	6W/F2CW	10106	0410	29	CT	TZ6PS	14186	2120	24	WA	YC3HCM	28004	2323	2	FL
RA3DOX	1833	0056	25	VT	JH1DLJ	10108	2045	22	NH	UA1OIL	14160	0144	23	CA	YN3CC	28003	1245	18	GA
Ti8CBT	1840	0700	24	WA	VK2AP	10106	1136	2	CT	<b>Franz Josef Land</b>					Z23JO	28011	1227	2	CT
UB3IWA	1833	0339	24	MA	<b>20 Meter CW</b>					UD7KWB	14253	0440	24	OH	ZC4ZR	28026	1312	18	NH
V2A/	1832	0106	29	TX	3DA0/	14025	0045	30	FL	UF6QAC	14199	0450	24	OH	<b>10 Meter SSB</b>				
G4LJF					ZS6ANL					UH8AAC	14183	0150	25	CA	3B9FR	28530	1440	24	VA
VS6DO	1826	1100	29	NH	4K0D	14033	0124	22	FL	UH9HWB	14197	0314	24	MT	3DA0AH	28527	1806	23	PA
YB8AX/O	1833	1450	24	WA	4K2YL	14011	2206	21	FL	UI8FM	14227	0247	23	CA	3DA0BJ	28696	1857	21	CA
ZS5LB	1836	0250	24	MA	4S7EA	14012	2336	25	ID	UI8QZ	14168	0400	23	CA	4U1UN	28536	2305	28	CT
<b>80 Meters</b>					4S7EA *	14007	0209	24	MT	UL7JC	14217	0343	24	AL	5T5CK	28578	1900	25	CA
8Q7MT	3501	2140	24	NH	4S7TP	14022	0054	30	FL	UL7OB	14253	0440	24	OH	6W1AAD	28459	1800	24	OH
9Q5DX	3502	2155	23	NH	5N0SKO	14011	2140	29	FL	V85BA	14195	1629	22	CA	7X2ARA	28522	1230	25	NJ
CN6A	3503	2143	25	PA	6W/F2CW	14025	0256	25	TN	VP8BUB	14224	0112	25	CA	9J2BO	28564	1850	24	VA
EA8AB	3504	2305	29	FL	7X2AX	14013	1848	23	PA	<b>South Georgia</b>					9K2DR	28570	1311	27	NH
HI500UD	3510	0141	3	FL	8Q7MT *	14025	1303	3	FL	Y88POL	14224	0147	25	CT	AH9AC	28545	2140	29	CA
HZ1HZ	3508	2210	21	NH	9M2AX	14015	2353	22	PA	<b>Antarctica</b>					C9MKT	28596	1425	27	MA
JA6CXX *	3506	2145	25	MA	9Q5DX	14007	2316	2	FL	<b>15 Meter CW</b>					CE0DFL	28511	1648	27	MA
KC6CS	3503	1200	24	NH	9Q5UN	14033	2112	29	FL	9M8AU	21039	0137	23	MT	CN8FC	28380	1410	24	VA
KH6CF	3507	1030	24	FL	AP2HA	14026	0229	22	MT	9Q5UN	21017	2242	24	PA	EL5E	28557	1827	23	PA
KX6DC	3503	1122	24	VA	BY9GA	14027	0045	3	FL	BY4RB	21032	0110	25	MT	FH8CB	28545	1825	26	NJ
KX6DC	3501	1435	25	CA	<b>Zone 23</b>					FP5HL	21027	2130	24	TN	FK8DD	28495	2230	24	NJ
LU1UGA	3513	0005	21	FL	CE0/	14025	0210	4	FL	OY7ML	21024	1145	28	CT	HK0HEU	28518	1451	17	NY
ST2/	3502	0300	26	MA	PY1DFF	Juan Fernandez				SU1CR	21053	1401	25	MN	HV3SJ	28588	1553	27	CA
PA0GAM					D68JL	14022	0331	22	FL	TU4CO	21010	2300	18	LA	JD1/	28560	2225	24	CT
TF3SZ	3503	1055	24	NH	HC8MA	14019	0252	23	PA	UI8QU	21020	1202	2	FL	<b>JF3QMJ Minami Torishima</b>				
UA2FJ	3512	0340	24	FL	J28CW	14030	2035	20	CT	XX9CV	21029	0140	23	MT	JY9LC	28442	1315	25	MA
UF6FDN	3501	0118	29	FL	JT1KAA	14028	0136	25	PA	<b>15 Meter SSB</b>					KG6SL	28560	0026	26	AL
UP2BIP	3521	0115	23	FL	JT1T	14008	0104	3	FL	7P8CI	21274	2128	27	MA	KH0AC	28512	0025	26	CA
VP8BUO	3512	0025	24	MA	OD5LX	14004	0311	24	MT	9J2BO	21236	2025	25	IA	LU5EAS/Z	28525	2010	19	MA
<b>Falklands</b>					RT0UM	14018	1515	22	NH	9Q5AA	21333	2236	23	NH	<b>South Orkneys</b>				
XE3ARV	3503	0021	30	FL	RT0UY	14020	1754	22	NH	C9MKT	21335	1958	25	CA	TA1AO	28599	1250	24	NJ
YJ8NJS	3504	1135	18	MA	RV0YF	14012	0122	3	FL	FH5EF	21335	2045	18	MA	A3D	28537	1212	27	NJ
<b>75 Meters</b>					<b>Zone 23</b>					R18AK	21212	1325	21	MA	TF3SV	28527	1706	22	CT
4X6JS	3800	0255	29	MA	ST2KR	14018	2246	2	FL	S01A	21255	1900	27	MA	TR8SA	28561	2050	25	MA
9H1EU	3795	0230	24	VA	UA0BEZ	14008	2022	24	PA	TA1AR	21254	1150	25	MA	UH8ABD	28638	1250	25	NJ
9M2DA	3789	1437	24	CA	UA0YAL	14033	0150	24	CA	TL8HW	21237	1959	26	MA	UI8CAN	28580	1255	19	MA
HK0HEU	3798	0121	28	MA	<b>Zone 23</b>					TL8JL	21316	1952	26	MA	UL7OB	28548	1310	24	NJ
OD5VT	3795	2139	25	MA	UA1OIL	14001	2100	26	MN	TR8RLA	21250	2019	26	MA	VR6HJ	28509	2145	23	NJ
T77T	3795	0342	27	NH	<b>Franz Josef Land</b>					TU2PA	21289	2153	21	NH	VR6KY	28356	1818	21	MA
T77V	3799	2048	24	MA	UI8QU	14034	1700	21	NH	UJ8XDH	21278	1217	20	NJ	VU2GI	28357	1245	23	NC
UA2FB	3647	0430	29	MA	UI8QU	14027	1242	22	GA	ZC4ZR	21312	1234	23	NH	VU2WAP	28513	1217	19	MA
Y25LJ	3792																		



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# NEWSPAPER

P.O. Box 50  
Fulton, CA 95439  
U.S.A.



## Calendar

Issue 466 - December 9, 1988

Second Class  
U.S. Postage Paid  
Santa Rosa, CA

(Changes and hot info in boldface.)

Algeria - 7X	7X3DA 40M CW 0630-0730Z	I466
Antarctica	KC4AAA 14240-250 04-0600z	I463
	Y88POL 20M SSB 0030Z	I466
Brunei - V85	V85RM 28595 2330Z	I465
Cayman Is. - ZF2	ZF2NF Dec. 27-30, 28455 kHz	I466
Central African	TL8TG on CW by 9Q5NW soon	I460
	TL8HW 15M SSB 1900Z	I464
Chagos - VQ9	VQ9QM 21035-40 1430Z	I465
China - BY	BY4RB 28033 kHz 2330-0030Z	I465
Egypt - SU	SU1EE on CW 14040 0500Z	I463
	7015 kHz 0345Z	I466
	SU1EK 28650 1530Z	I466
Fiji - 3D	3D2KK now 14005 0430Z	I466
	7005 0500Z, 28004 2130Z	
Franz Josef Land	UA1OIL 14165 kHz 12-1300Z	I460
Gabon - TR	TR8SA 28560 kHz 2100Z	I465
Guinea-Bissau - J5	J52US 1832 kHz 0030Z	I466
Hong Kong - VS6	VS6DO 1830 11-1200Z	I466
Iran - EP	14156 kHz 15-1600Z	I463
Ivory Coast - TU	TU2JL 20M SSB 0430Z	I466
Jan Mayen - JX	JX1UG to March	I457
Laccadives - VU7	Dec. 15-March 30	I465
Little Cayman - ZF8	ZF2NC/ZF8 Dec. 13-18	I466
Macquarie - VK0	VK0GC, VK0IC, VK0DS on now	I461
Malagasy - 5R	5R8AL late January	I466
Maldives - 8Q	8Q7BX Dec. 23-Jan 2 CW	I466
Marion Is. ZS8	ZS8MI April 1989	I465
Marshall Is. - KX6	KX6DC 1824-33 1030-12Z	I461
	3507 1110Z	I465
Mauritius - 3B	3B8CF 14033 kHz 0230Z	I463
	7004 1400-1430Z	I464
Mellish Reef - VK9	by VE3IEO Jan 6-16	I464
Minami Torishima	JH7EAY/JD1 for six months	I464
Mongolia - JT	JT1BG 15M SSB 0030Z	I463
Montserrat - VP2M	VP2M/ND3A ARRL 10M test	I462
	VP2M/F2JD now on CW	I466
Mozambique - C9	C9MKT Dec. 9-11, 21295 16Z	I458
	14195 1600Z, 28595 1430Z	I466
Namibia - ZS3	ZS3Z CW late December	I466
Nepal - 9N	9N88C Dec. 25-Jan 5	I465
	9N1RN 14220-40 kHz 0300Z	I465
New Caledonia - FK	FK8FN 10M CW 2000Z	I465
Niger - 5U	TU4BR/5U7 14047 23Z	I452
	and 21050-65 kHz 2230Z	
	by DJ6SI Dec. 26-Jan 1	I465

Papua New Guinea	P29KN 28595 0100Z	I465
Revillagigedo - XF	XF4C Dec. 15-20 SSB	I455
Rwanda - 9X	9X5AA 15M CW 2000Z	I465
Saudi Arabia - HZ	HZ1AB, HZ 10M CW 14-1500Z	I459
	HZ1HZ 3505 kHz 2145Z	I465
South Shetlands	EA0BAE Jan 10-Apr 10	I465
	7 up on CW, 7043, 14233, 21245	
Sovereign Bases ZC4	ZC4ZR Yasme Now-Dec 16	I461
Sri Lanka - 4S	4S7EA 14010 2330Z	I466
	4S7TP 20M CW 0100Z	I466
Sudan - ST	PA0GAM/ST back on the air	I464
	ST2KR 20M CW 2200Z	I466
	ON6BC/ST4 25 kHz up, 3500	I466
Tanzania - 5H	5H1HK 3507 2145Z	I465
Turkoman - UH	RH8AO 14025 03-0400Z	I461
	UA9AHA 20M SSB 03, 1600Z	I461
Turks & Caicos - VP5	VP5/G0AZT, AA5AU Jan. 12-19	I466
United Nations	4U1UN 2200Z Friday CW	I457
US Virgin Islands	KP2A in CQ 160M	I461
Uzbek - UI8	UI9AAB 20M CW 0230Z	I465
	UI8FM 20M SSB 0330Z	I465
Zaire - 9Q	9Q5DX 14015 2230-2330Z	I464

### DX Activities and Contests

Date	Event or Activity	Info
Dec. 10-11	ARRL 10 Meter Test	QST
Dec. 31	DXCC Golden Jubilee deadline	QST
Jan. 7-8	ARRL RTTY Contest	QST
Jan. 27-29	CQWW 160 Meter Contest	CQ

### Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AB8K, K0CVD, K1IK, K2EK, K2JOZ, K2OLG, K4BAI, K5WGQ, K6SIK, K7ABV, KA1ACC, KA1XN, KA4YAE, KE7X, KJ4BK, KJ4GK, KJ9I, KN7K, KQ3S, KU0S, KV4AM, N1ACH, N1CIX, N1DYI, N1HN, N2EJQ, N2GLH, N2KK, N4XR, NV4H, NX7K, VE1ACK, W1BFT, W1CYB, W1FV, W1HH, W1NG, W1NH, W1WAI, W3HCW, W3KYN, W3MFW, W4JVN, W4VQ, W5FIX, W6AUG, W6JOX, W6UQF, W7AWA, W8MEP, W9DH, WA1NPZ, WA9AQE, WB8ZRL, WC6I, WD4CQY, WN6J, WW4Q, DXNS, DXPress, KT7H, W7LZF, TI2LTA, OH1EH, WA9INK, G0AZT, ZS6BCR, IT9TQH, SM7PKK, K2EWB, K8NEU, NG8D, WB8SFF, K4DLI, WA6PJR, WB2PAG, KE6LT, and the NCDXC. Thanks for your help! -ed.